

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (Currently Amended) A fluidized bed boiler furnace comprising:  
two hearths separated by a divider in thethat extends upwards from a bottom portion of the furnace, and  
at least one panel of heat exchange tubes,  
the furnace being characterized in thatwherein the panel of tubes is disposed vertically above said divider and perpendicularly to the longitudinal direction (A) of said hearths, such that the panel of tubes extends from a top of said divider towards a ceiling of the furnace.
2. (currently amended) The furnace of claim 1, comprising a row of the panels of tubes spaced regularly from one another along said longitudinal direction.
3. (currently amended) The furnace of claim 1, in which the tubes forming athe panel of tubes extendtheextends from tubes forming the divider.
4. (currently amended) The furnace of claim 1, comprising alternating panels whose tubes extend thefrom tubes forming the divider, and panels whose tubes are connected to a manifold disposed within the divider.

5. (Currently Amended) The furnace according to claim 1, including a ceiling to which each panel of tubes is secured in such a manner that the panel of tubes ~~can be is~~ put into traction between the divider and the ceiling of the furnace.